

SEP 21 2009

Application No.: 10/523,328  
Reply to Office Action dated June 1, 2009  
Amendment dated September 21, 2009

Docket No.: WYTH-P01-001

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application:

1. **(Currently amended)** An isolated, purified, or recombinant protein complex comprising at least the following three polypeptides:
  - (i) a tumor necrosis factor alpha (TNF- $\alpha$ ) polypeptide which has an amino acid sequence at least 95% identical to SEQ ID NO: 1, ~~or a functional variant thereof~~;
  - (ii) a TNF- $\alpha$  receptor (TNFR) polypeptide which has an amino acid sequence at least 95% identical to SEQ ID NO: 3 or 5, ~~or a functional variant thereof~~; and
  - (iii) a TRCP1 polypeptide which has an amino acid sequence at least 95% identical to SEQ ID NO: 17, ~~or a functional variant thereof~~.
2. **(Original)** The complex of claim 1, wherein the TNFR polypeptide is a TNFR1 or TNFR2 polypeptide.
3. **(Withdrawn, currently amended)** The complex of claim 1, further comprising at least one polypeptide selected from: (a) a RasGAP3 polypeptide which has an amino acid sequence at least 95% identical to SEQ ID NO: 15, ~~or a functional variant thereof~~; (b) an NF- $\kappa$ B activating kinase (NAK) polypeptide which has an amino acid sequence at least 95% identical to SEQ ID NO: 13, ~~or a functional variant thereof~~; and (c) a TRCP2 polypeptide which has an amino acid sequence at least 95% identical to SEQ ID NO: 19, ~~or a functional variant thereof~~.
4. **(Withdrawn)** The complex of claim 3, comprising a TNF- $\alpha$  polypeptide, a TNFR polypeptide, the TRCP1 polypeptide, and a RasGAP3 polypeptide.
5. **(Withdrawn)** The complex of claim 3, comprising the TNF- $\alpha$  polypeptide, the TNFR polypeptide, the TRCP1 polypeptide, and the NAK polypeptide.
6. **(Withdrawn)** The complex of claim 3, comprising the TNF- $\alpha$  polypeptide, the TNFR polypeptide, the TRCP1 polypeptide, and the TRCP2 polypeptide.

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7. **(Withdrawn)** The complex of claim 3, comprising the TNF- $\alpha$  polypeptide, the NAK polypeptide, the TNFR1 polypeptide, the TRCP1 polypeptide, the RasGAP3 polypeptide, and the TRCP2 polypeptide.
8. **(Currently Amended)** The complex of claim 1, further comprising at least one polypeptide selected from: TRADD, TRAF2, TRAP2 ~~and a functional variant thereof~~.
9. **(Withdrawn)** The complex of claim 8, comprising the TNF- $\alpha$  polypeptide, the TRCP1 polypeptide, the NAK polypeptide, the TNFR1 polypeptide, the TRAF2 polypeptide, and the TRADD polypeptide.
10. **(Withdrawn)** The complex of claim 8, comprising the TNF- $\alpha$  polypeptide, the TNFR polypeptide, the NAK polypeptide, the RasGAP3 polypeptide, the TRCP1 polypeptide, the TRCP2 polypeptide, the TRADD polypeptide, the TRAF2 polypeptide, and the TRAP2 polypeptide.
11. **(Original)** The complex of claim 1, wherein said TNF- $\alpha$  is a fusion protein.
12. **(Original)** The complex of claim 1, wherein said TNFR is a fusion protein.
- 13-16. **(Canceled)**
17. **(Currently Amended)** An isolated, purified, or recombinant protein complex comprising:
  - (i) a TNF- $\alpha$  receptor (TNFR) polypeptide which has an amino acid sequence at least 95% identical to SEQ ID NO: 3 or 5, ~~or a functional variant thereof~~;
  - (ii) an NF- $\kappa$ B activating kinase (NAK) polypeptide which has an amino acid sequence at least 95% identical to SEQ ID NO: 13, ~~or a functional variant thereof~~;
  - (iii) a RasGAP3 polypeptide which has an amino acid sequence at least 95% identical to SEQ ID NO: 15, ~~or a functional variant thereof~~;
  - (iv) a TRCP1 polypeptide which has an amino acid sequence at least 95% identical to SEQ ID NO: 17, ~~or a functional variant thereof~~; and

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(v) a TRCP2 polypeptide which has an amino acid sequence at least 95% identical to SEQ ID NO: 19, ~~or a functional variant thereof.~~

18-21. (Canceled)

22. (Withdrawn) The complex of claim 17, wherein said TNFR polypeptide is a TNFR1 polypeptide or a TNFR2 polypeptide.
23. (Withdrawn) The complex of claim 17, further comprising at least one polypeptide selected from: TNF- $\alpha$ , TRADD, TRAF2, and TRAP2.
24. (Withdrawn) The complex of claim 23, comprising the TNF- $\alpha$  polypeptide, the TNFR1 polypeptide, the NAK polypeptide, the RasGAP3 polypeptide, the TRCP1 polypeptide, the TRCP2 polypeptide, the TRADD polypeptide, the TRAF2 polypeptide, and the TRAP2 polypeptide.
25. (Withdrawn) The complex of claim 17, wherein said TNFR polypeptide is a fusion protein.
- 26-57. (Canceled)

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